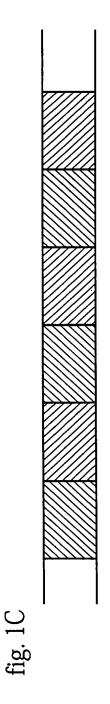
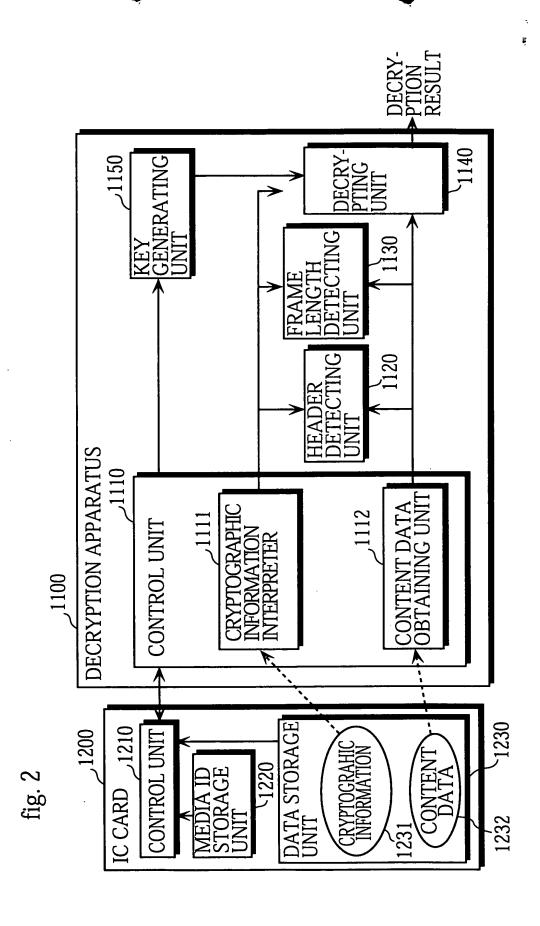


SYNC PATTERN PACKET LENGTH CODE

fig. 1B



5.5



HEADER DETECTING FUNCTION

detect_pattem_size:PATTERN BIT SIZE OF HEADER TO BE DETECTED detect_pattem:BIT PATTERN OF HEADER TO BE DETECTED head_detect(detect_pattern_size,detect_pattern,pnt_offset) pnt_offset:START POINT OF DETECTION

FRAME LENGTH DETECTING FUNCTION

unit: BASIC UNIT OF VALUE SHOWING FRAME LENGTH CODE. IF BITS= lengthcode_position: A POINT THE NUMBER OF BITS SHOWN IN FRAME framelength_detect(length_code_position,lengthcode_length,unit) lengthcode_length:LENGTH OF FRAME LENGTH CODE LEÑGTH CODE FROM HEADER DETECTING POINT 1, IF BYTES=8

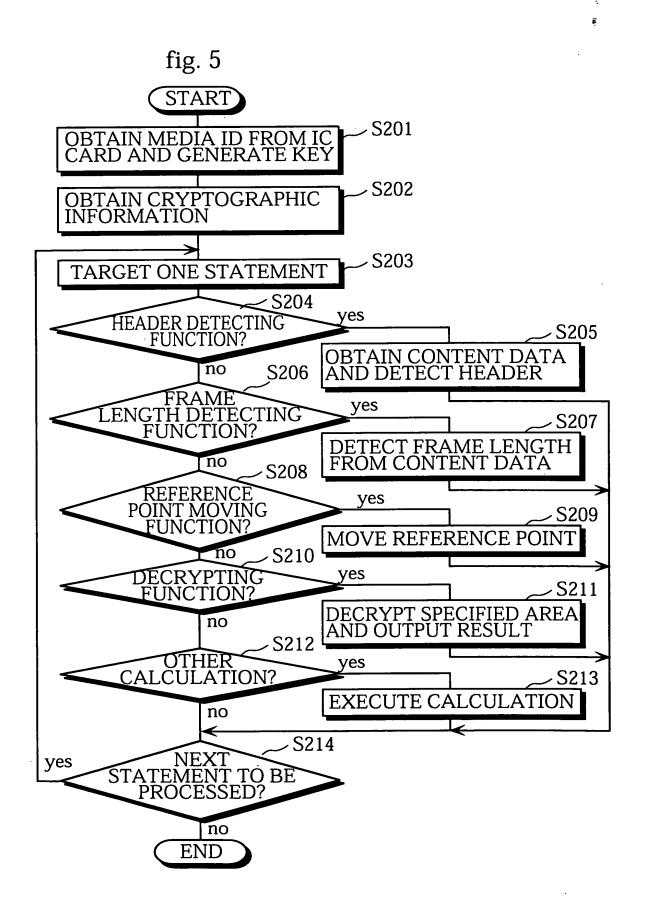
REFERENCE POINT MOVING FUNCTION

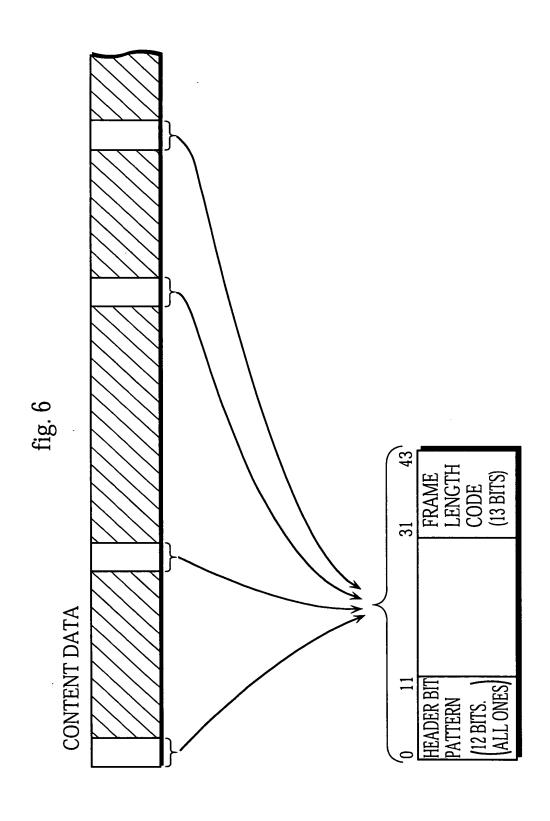
reference_point_move(move_no) move_no:NUMBER OF BITS TO BE MOVED

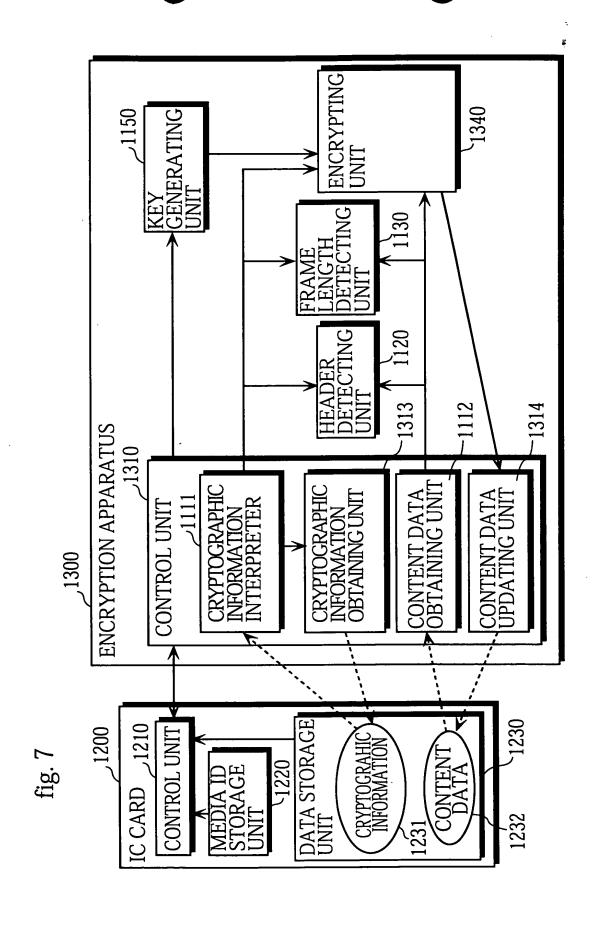
DECRYPTING FUNCTION

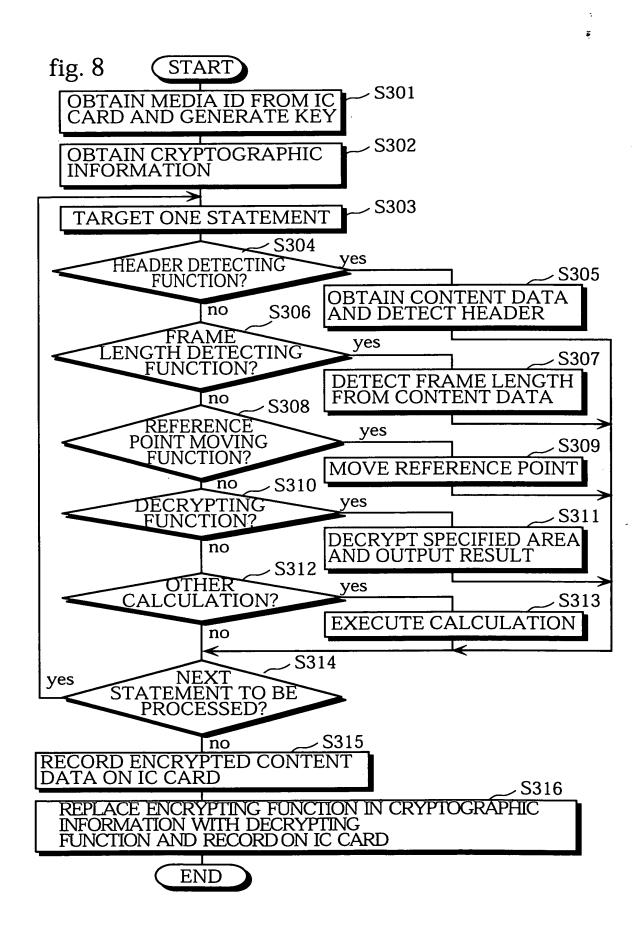
decryption(algorithm_no,mode,blocklength,end_pnt)
algorithm_no:ALGORITHM NUMBER(1=DES, 2=FEAL ETC) mode: APPROPRIATE MODE(1=FCB, 2=OFB, 3=CBC) blocklength: PROCESSING BLOCK LENGTH end_pnt:PROCESSING END POINT

fig. 4









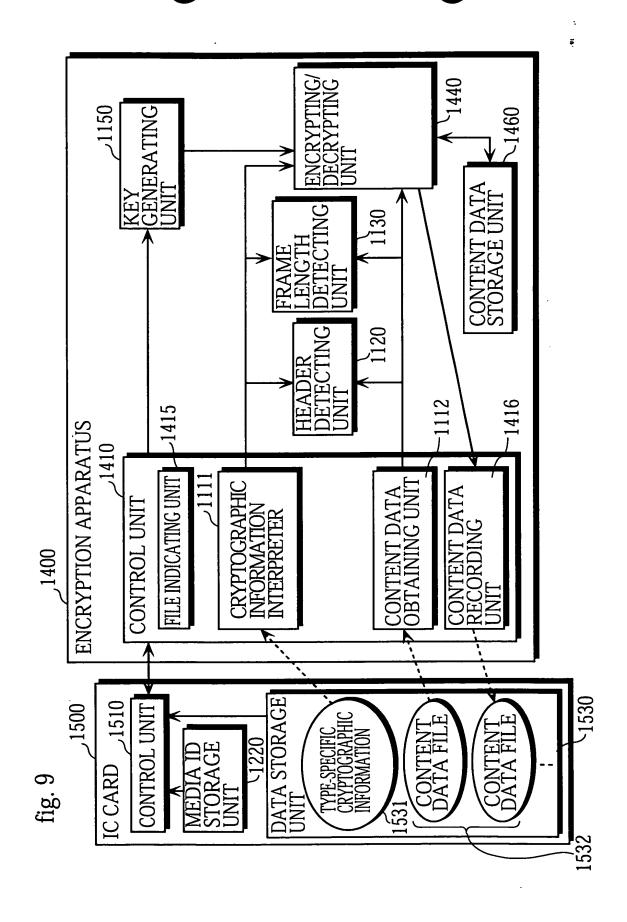
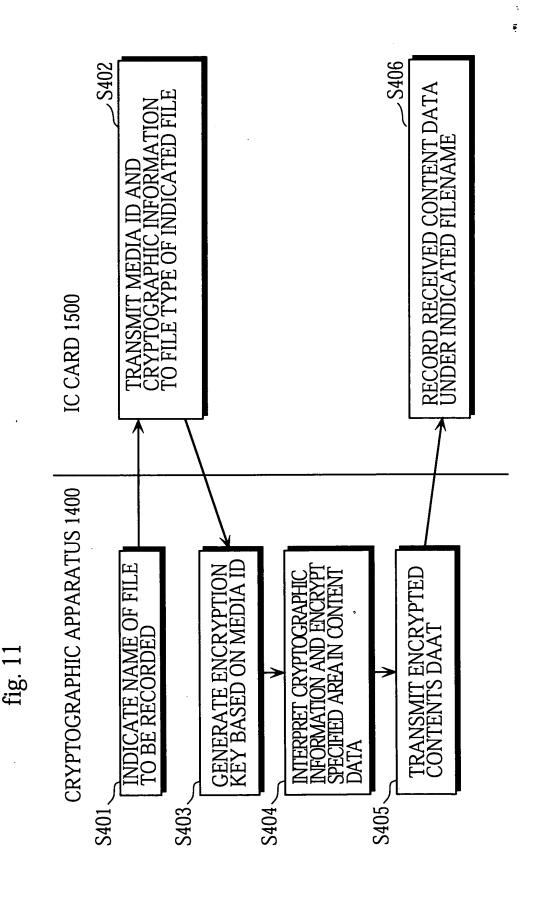
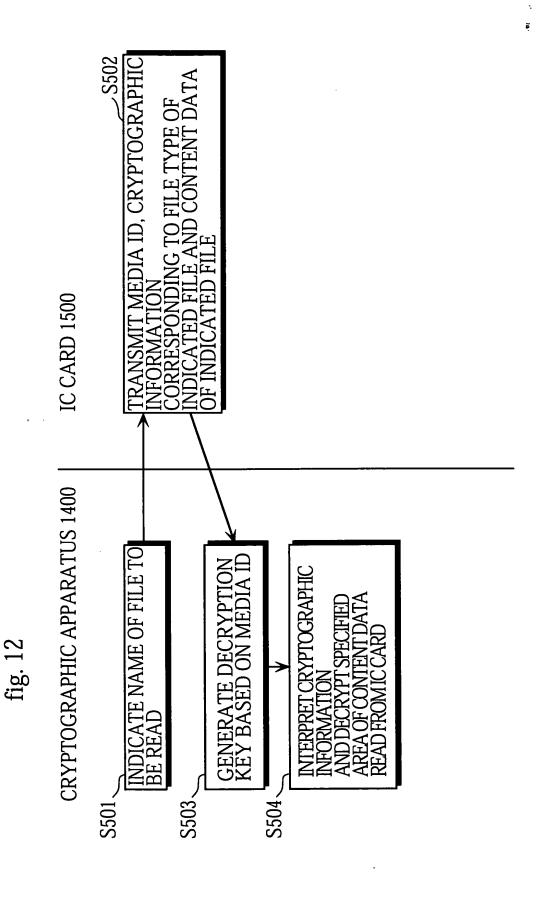


fig. 10

1541	1542		
FILE TYPE (EXTENSION)	CRYPTOGRAPHIC INFORMATION		
Α	TYPE A CRYPTOGRAPHIC INFORMATION		
В	TYPE B CRYPTOGRAPHIC INFORMATION		





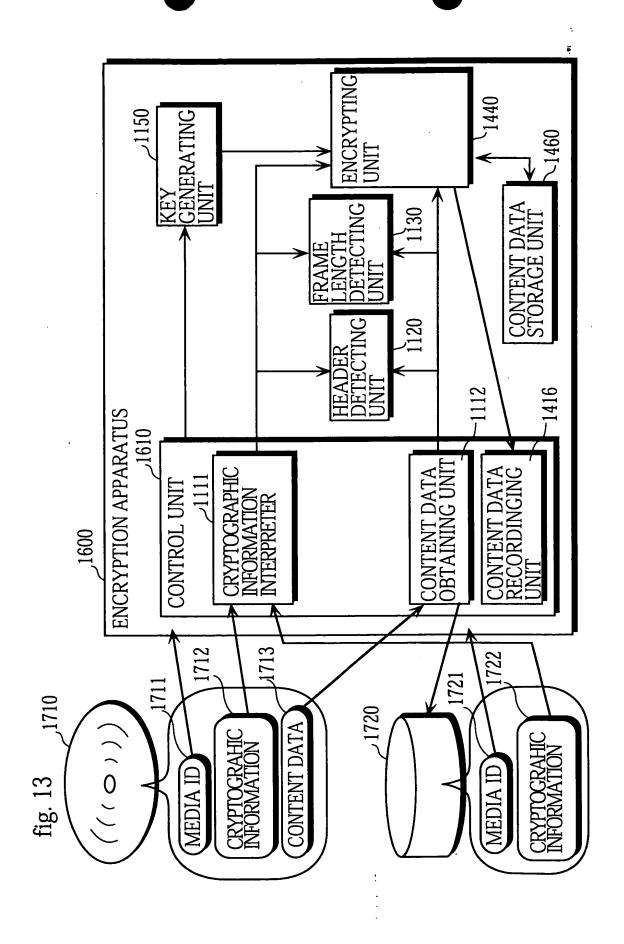
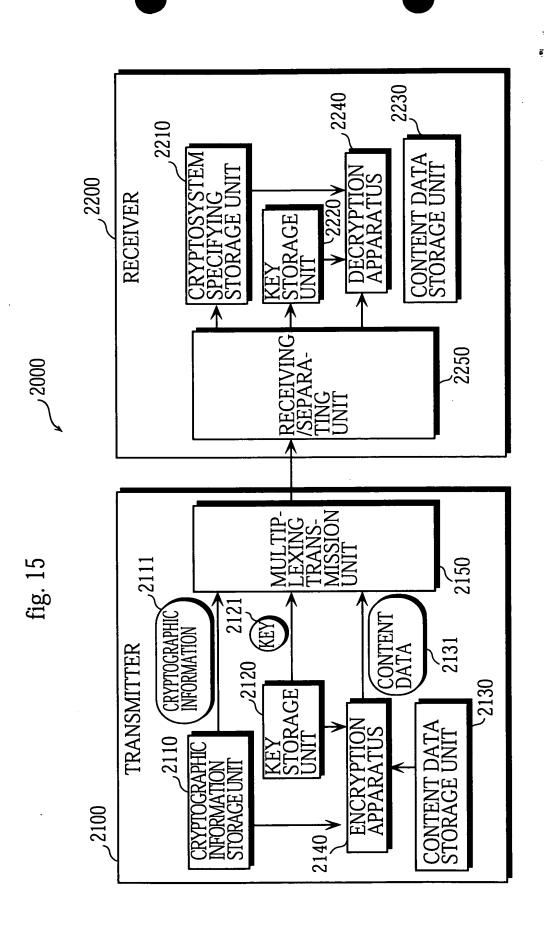


fig. 14

START S601 READ MEDIA ID FROM RECORDING MEDIUM 1710 AND GENERATE DECRYPTION KEY S602 READ CRYPTOGRAPHIC INFORMATION AND CONTENT DATA FROM RECORDING MEDIUM 1710. DECRYPT CONTENT DATA ACCORDING TO CRYPTOGRAPHIC INFORMATION AND STORE IN CONTENT DATA STORAGE UNIT S603 READ MEDIA ID FROM RECORDING MEDIUM 1720 AND GENERATE ENCRYPTION KEY S604 READ CRYPTOGRAPHIC INFORMATION FROM RECORDING MEDIUM 1720, AND ENCRYPT CONTENT DATA STORED IN CONTENT DATA STORAGE UNIT BASED ON CRYPTOGRAPHIC INFORMATION S605 RECORD ENCRYPTED CONTENT DATA ON RECORDING MEDIUM 1720 **END**



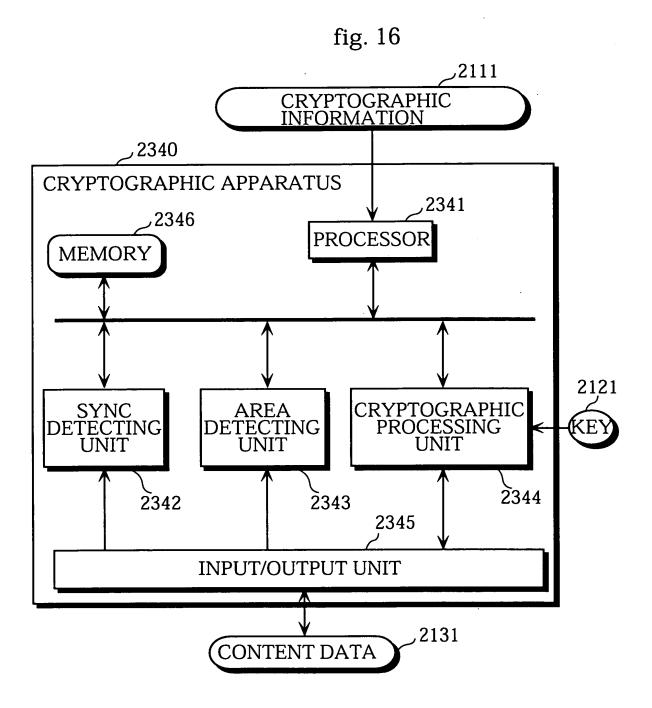


fig. 17

	SYNC DESCRIPTOR INFORMATION	
NO	(REFERENCE ADDRESS)	
ING INSTRUCTION	(END POINT)	
SYNC DETECTING IN	Sync_detect	

(REFERENCE ADDRESS) (SYNC DESCRIPTOR INFORMATION) SYNC VERIFYING INSTRUCTION (END POINT) Sync_check

AREA DETECTING INSTRUCTION
Area_detect (POINT) (AREA DESCRIPTOR INFORMATION)

(CRYPTOGRAPHY END POINT) (CRYPTOGRAPHIC DESCRIPTOR INFORMATION) CRYPTOGRAPHIC PROCESSING INSTRUCTION (CRYPTOGRAPHY START POINT) Encrypt

fig. 18

	7		
	∞		
	6		
	10	-53	
	11	reserved	
	12	ser	
	13	re	
	14		
	15		
	16		
	17		
Z	18		
SYNC DESCRIPTOR INFORMATION	31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8		
AT	20		
\gtrsim	21		
Ŏ.	22		
Ė	23		
RI	24		
Ŋ	25		
	26	de	
SCF	27	sync_wide	
) E	28	uc'	
Γ	53	s	
ž	30		
SY	31		

sync_pattern

n+1

2 1 0

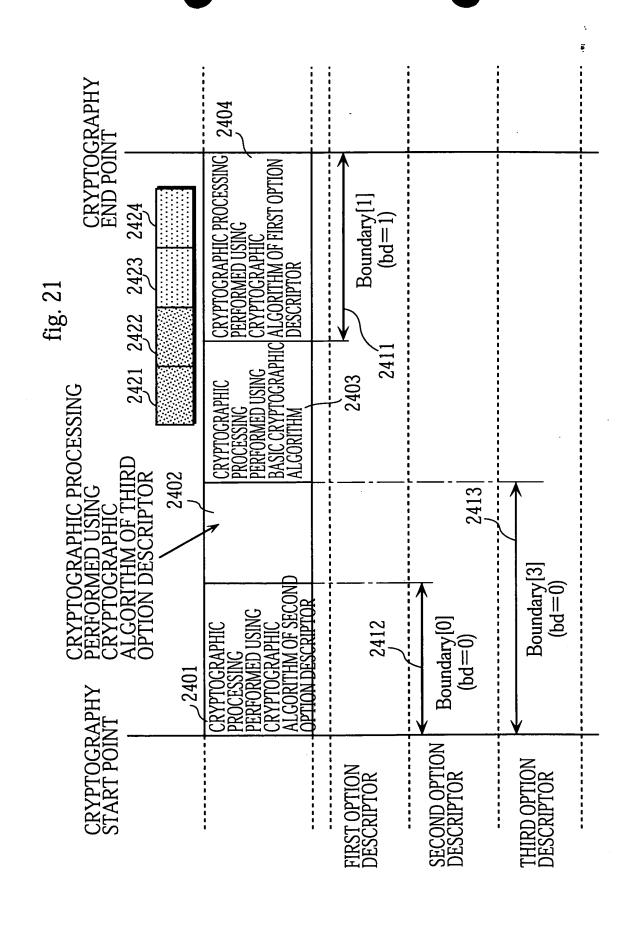
fig. 19

AREA DESCRIPTOR INFORMATION	31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6	n1 flag_pattern2	offset	length length reserved type unit		
		31 30 29 28 27 26 25 24 23 22 21	AKEA DESCRIPTOR INFORM 31 30 29 28 <i>2</i> 7 26 25 24 23 22 2	31 30 29 28 27 26 25 24 23 22 2	rved flag_patte	
	AREA DESCRIP				n as flag_wide reserved flag_pattern1 flag_pattern2	
7	- •	u	n+1	n+2		

0

fig. 20

	_ 1				 -1			
CRYPTOGRAPHIC DESCRIPTOR INFORMATION. 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0	7 6 5 4 3 2 1 0	Cipher_block[0]	Boundary[1]	Cipher_block[1]		Boundary[2]	Cipher_block[2]	
	15 14 13 12 11 10 9 8	Cipher_mode[0]		Cipher_mode[1]			Cipher_mode[2]	
	23 22 21 20 19 18 17 16	23 22 21 20 19 18 17 16	23 22 21 20 19 18 17 16	23 22 21 20 19 18 17 16	24 23 22 21 20 19 18 17 16 Cipher_algorithm[0] reserved Cipher_algorithm[1]	reserved	Cipher_algorithm[2]	
			Next_ID	res	Next_ID			
CRYPTO	31 30 29 28 27 26 25	as no	pq			pq	Ne	
		=	n+1 bd	n+2		¥ E	m+1	Ä



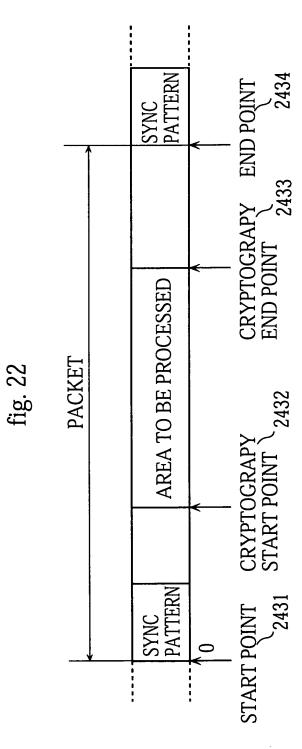
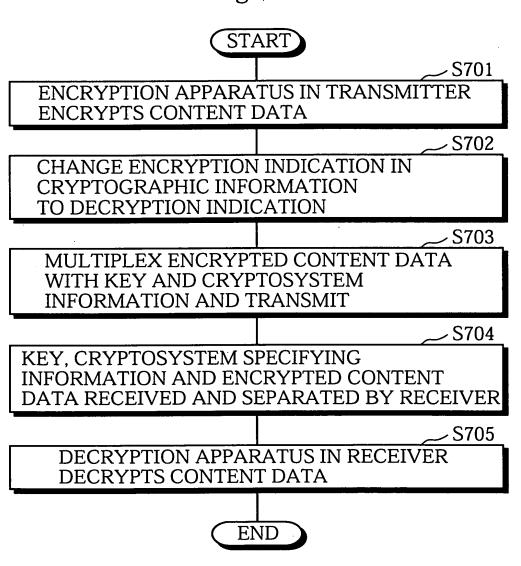


fig. 23



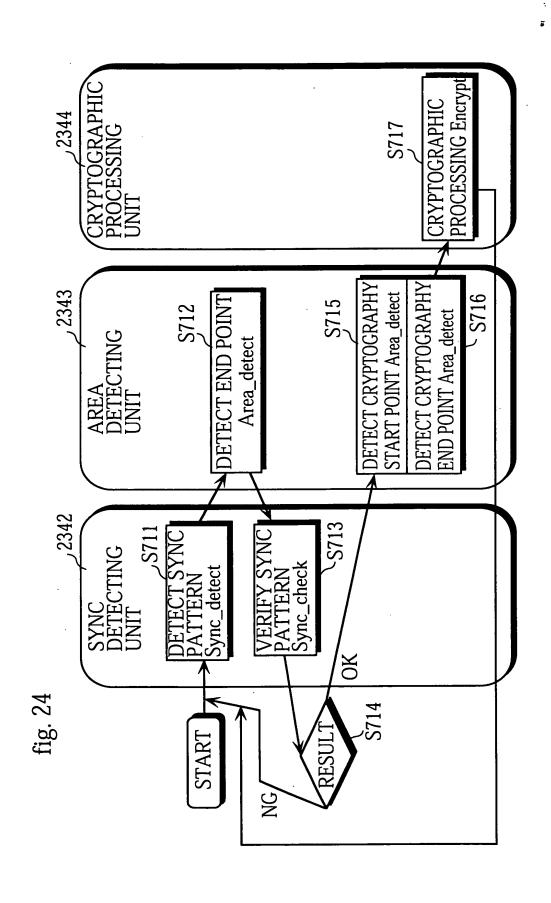
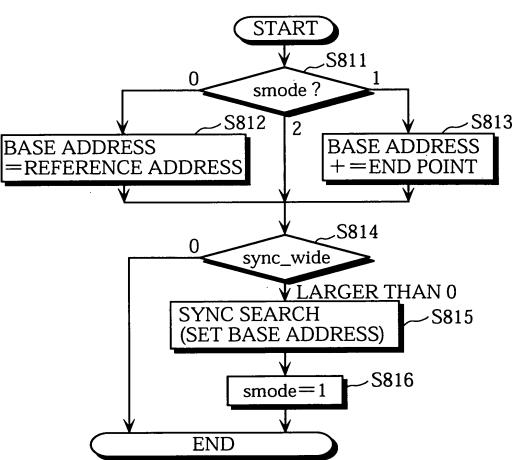
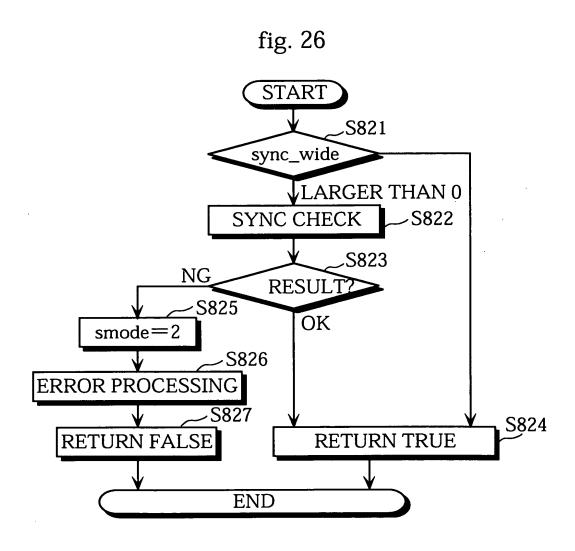
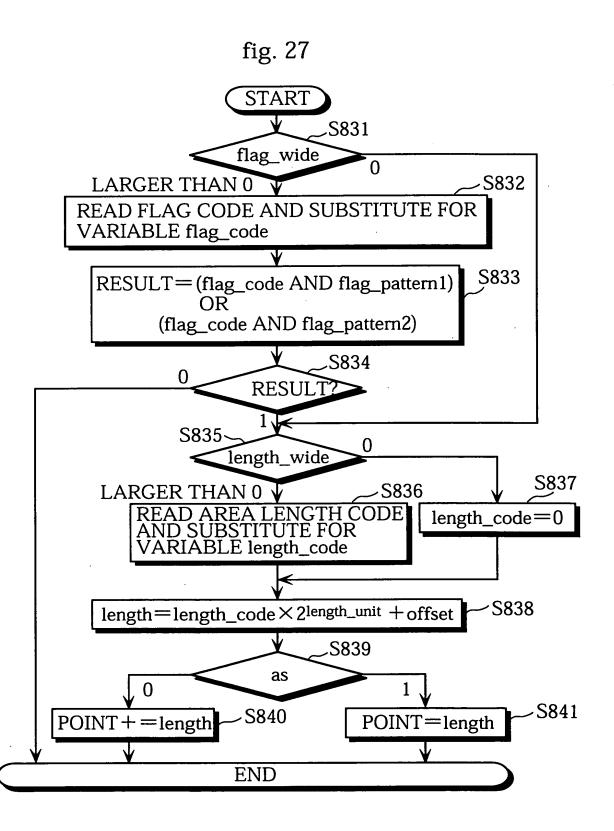


fig. 25







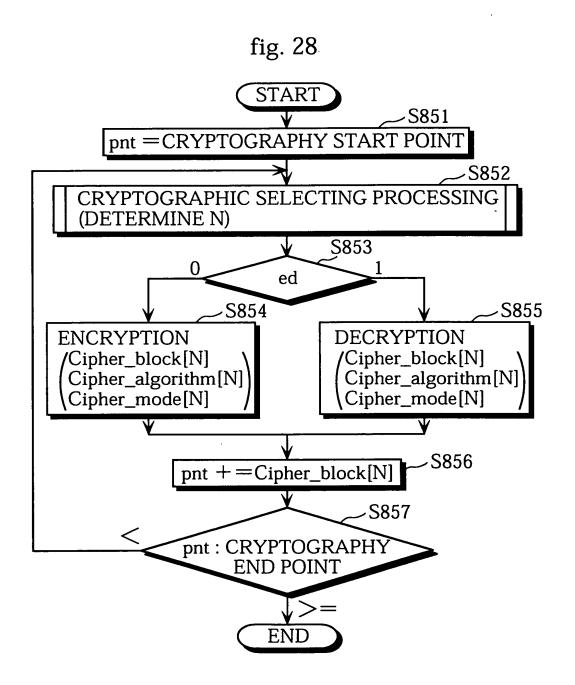


fig. 29

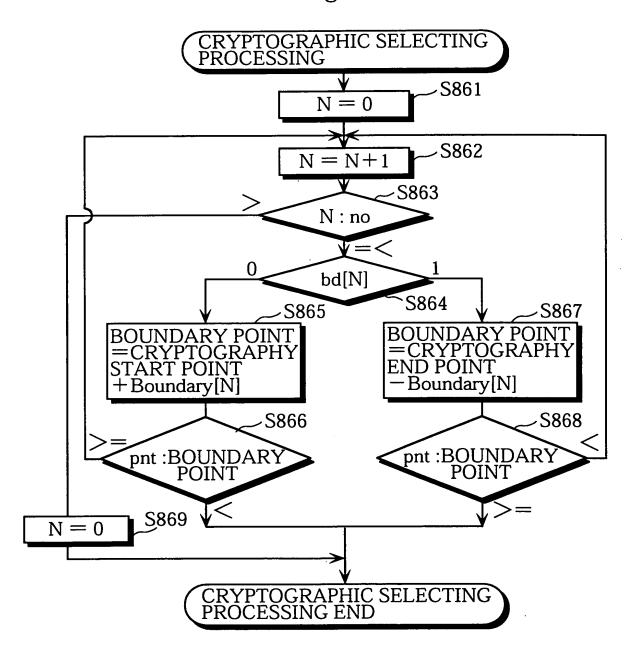


fig. 30

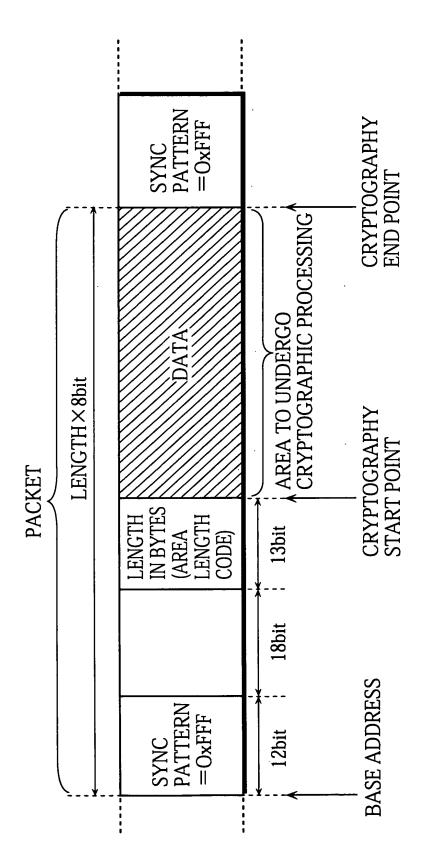


fig. 31

